

# Impact of Melatonin on RAW264.7 Macrophages during Mechanical Strain

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## Supplementary Material

### Uncropped Westernblots

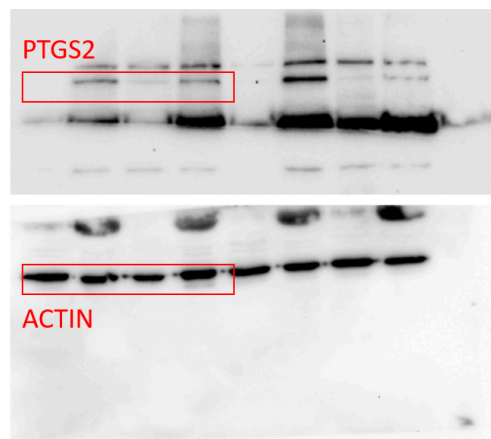


Figure S1. Uncropped Western Blot for Figure 2h.

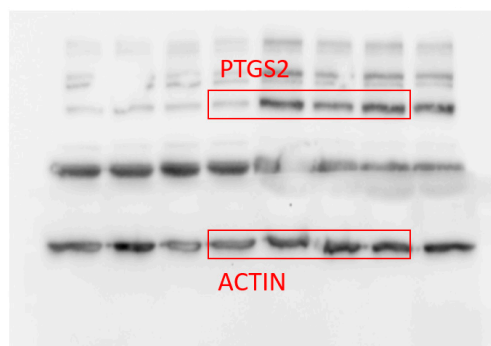
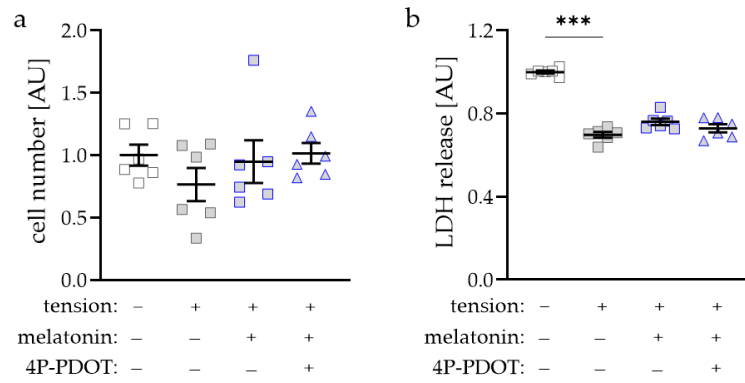
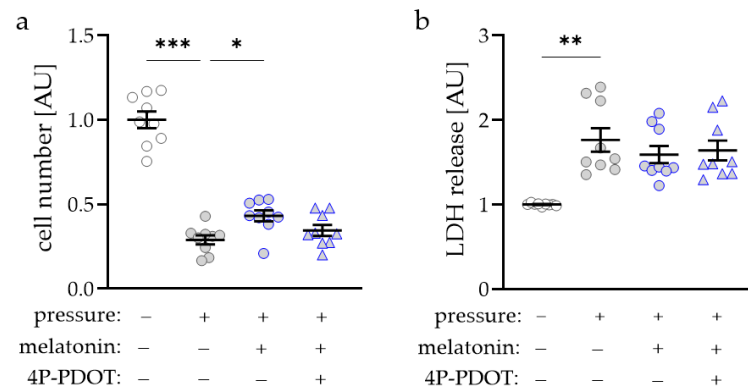


Figure S2. Uncropped Western Blot for Figure 3h.

Cell numbers and LDH release.



**Figure S3** Impact of melatonin and tensile strain on cell number (a) and lactatdehydrogenase (LDH) release. n=6; *Statistics*: Welch-corrected ANOVA with Games-Howell multiple comparison tests; \*\*\* $P < 0.001$



**Figure S4** Impact of melatonin and compressive strain on cell number (a) and lactatdehydrogenase (LDH) release. n=9; *Statistics*: cell number: ordinary ANOVA with Holm-Sidak's multiple comparison tests; LDH release: Welch-corrected ANOVA with Games-Howell multiple comparison tests; \* $P < 0.05$ , \*\*\* $P < 0.001$ .